(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



) | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1900 | 1

(43) International Publication Date 13 January 2005 (13.01.2005)

PCT

(10) International Publication Number WO 2005/003107 A1

(51) International Patent Classification7: A01N 43/78

C07D 277/16,

(21) International Application Number:

PCT/EP2004/006125

(22) International Filing Date:

7 June 2004 (07.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2003-174758

19 June 2003 (19.06.2003) JP

(71) Applicant (for all designated States except US): BAYER CROPSCIENCE AG [DE/DE]; Alfred-Nobel-Str. 50, 40789 Monheim (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): WATANABE, Yuklyoshi [JP/JP]; 2-8-24, Hanagaki-cho, Oyama-shi, Tochigi 323-0027 (JP). MIHARA, Jun [JP/JP]; 2-11-1, Ekihigashidouri, Oyama-shi, Tochigi 323-0022 (JP). YAMAZAKI, Dalei [JP/JP]; 1-34-8, Inuzuka, Oyama-shi, Tochigi 323-0811 (JP). OTSU, Yulchi [JP/JP]; 1-5-7, Ekiminami-cho, Oyama-shi, Tochigi 323-0822 (JP). SHIBUYA, Katsuhiko [JP/JP]; 6-14-4, Midori, Minamikawachi-machi, Kawachi-gun, Tochigi 329-0433 (JP). SHIMOJO, Elichi [JP/JP]; 4-16-1, Nishijonan, Oyama-shi, Tochigi 323-0820 (JP). (74) Common Representative: BAYER CROPSCIENCE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DB, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NEMATICIDAL THIAZOLINE-CONTAINING FLUOROBUTENES

(57) Abstract: The present invention relates to novel thiazoline-containing fluorobutenes of the formula (I) wherein R represents methyl or ethyl, and X represents hydrogen or fluoro, to a process for their preparation and to their use as nematicides.